Region 3 GPRA Baseline RCRA Corrective Action Facility

Stackpole

201 Stackpole Street
Building 100
St. Marys, PA 15857
Congressional District 5
EPA ID #: PAD063652820

Site Property Area: Approximately 50 Acres
Last Updated 6/30/2005

Current Progress at the Site

EPA and the Commonwealth of Pennsylvania visited the Stackpole facility in April 2004 and October 2004. The visits focused primarily on the recently discovered VOC contamination in the subsurface soils and groundwater at the former location of the Specialty Purpose Resistor (SPR) Building. In April 2005, EMSOURCE submitted an Assessment of Plume Stability and Monitored Natural Attenuation for the Southwest Area, including the SPR area. This assessment was completed by evaluating at plume stability, groundwater geochemistry and groudwater microbiology and confirming/supporting the actual available data with the BIOCHLOR screening-level model. EPA is currently evaluating the BIOCHLOR results provided by EMSOURCE. EMSOURCE is currently in the process of generating a risk assessment for the Southwest Area of the facility, which should be completed in the summer 2005.

Site Description

Stackpole conducted manufacturing activities from 1906 to 1992 at its St. Marys, PA facility. The company produced carbon and graphite products, organic bonded and ceramic resistors for electric operations, and soft ferrite magnetic cores for various electronic devices.

Three ferrite lagoons, two electroplating wastewater surface impoundments and the Old Tannery Landfill have been RCRA closed under Pennsylvania Department of Environmental Protection (PADEP) supervision. Groundwater from these areas are monitored quarterly.

Stackpole is currently recovering groundwater contaminated with volatile organic compounds (VOCs) from beneath Building 54 to prevent the migration of contaminants into the adjacent Elk Creek. The recovered water is treated prior to discharge to the St. Marys Sewer Authority.

Another area of concern is the recently discovered VOC contamination in the subsurface soils and groundwater at the former location of the Specialty Purpose Resistor (SPR) Building. The

groundwater plume in the lower aquifer system emanating from this building is directed to the west toward residential properties. However, samples collected from the upper aquifer in the vicinity of the residential properties have revealed very little to no contamination. Stackpole began monitoring the wells associated with the SPR Building plume on a quarterly basis in the summer of 2003.

Site Responsibility

RCRA Corrective Action activities at this facility are being conducted under the direction of EPA Region 3 with assistance from the State. Stackpole is seeking a release from liability under PADEP's Land Recycling (Act II) Program.

Community Interaction

As part of the investigation into the SPR building, survey letters were sent to about 80 property owners and/or tenants regarding whether wells were located at the properties. Between 80-90 properties were surveyed and no active wells were identified. Four properties reported to have continuously wet basements. VOCs were not detected in water samples collected from those basements in May 2003.

Institutional Controls

There is a 1995 Buyer-Seller Agreement between PADEP, Stackpole, and North Central (current property owner) that states that groundwater beneath Stackpole Center is not potable and prohibits its use for drinking water without authorization by PADEP.

Government Contact

EPA Project Manager
Mr. Andrew Clibanoff - 3WC22
U.S. Environmental Protection Agency - Region III
1650 Arch Street
Philadelphia, PA 19103-2029
Phone: (215) 814-3391
Email: clibanoff.andrew@epa.gov

Facility Contact

Joshua D. Marvil
EMSOURCE Inc.
P.O. 17914
111 Commercial Street, S. 400
Portland, ME 04112-7914
Phone (207) 772-4939

For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm